

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 00786/304003		SERIAL NO.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT Vladimir P. Torchilin et al.		1017 U.S. PTO 10/081223 02/22/02	
				FILING DATE April 5, 1999			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA							
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
gu	AB	WO 96/00084	06/21/95	PCT			
↓	AC	WO 97/16232		PCT Search Report			
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
gu	AD	Banks et al., "Characterization of Cross-Reactive Anti-DNA Auto Antibodies in Murine Lupus", <u>Immunological Investigations</u> , 22(3), 229-248 (1993)					
	AE	Ben-Yehuda et al., "Immune Senescence: Mechanisms and Clinical Implications", <u>Infectious Complications of Cancer</u>					
	AF	Chatterjee et al., "Idiotypic antibody immunotherapy of cancer", <u>Cancer Immunol. Immunother.</u> , 38:75-82 (1994)					
	AG	Chen et al., "A Comparative Autoradiographic Study Demonstrating Differential Intratumor Localization of Monoclonal"..., <u>Journal of Nuclear Medicine</u> , 31:1059-1066 (1990)					
	AH	Cronstein et al., "The Adhesion Molecules of Inflammation", <u>Arthritis and Rheumatism</u> , 36:147-157 (1993)					
	AI	Goding, James W., "Monoclonal Antibodies: Principles and Practice", <u>Production and Application of Monoclonal Antibodies in Cell Biology, Biochemistry and Immunology</u> , Second Edition, Academic Press (1986)					
↓	AJ	Iakoubov et al., "Anti-nuclear autoantibodies of the aged reactive against the surface of tumor but not normal cells", <u>Immunology Letters</u> , 47:147-149 (1995)					
EXAMINER				DATE CONSIDERED 3/14/05			
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	BA						
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See	BB	Jacob et al., "A monoclonal anti-double-stranded DNA autoantibody binds to a 94-kDa cell-surface protein on various cell types ....", <u>Proc. Natl. Acad. Sci.</u> , 86:4669-4673 (1989)					
	BC	Jain, Rakesh K., "Barriers to Drug Delivery in Solid Tumors", <u>Scientific American</u> , July 1994					
	BD	Langdon et al., "Characterisation and properties of a small cell lung cancer cell line and xenograft WX322 with marked....", <u>B. J. Cancer</u> , 63:909-915 (1991)					
	BE	Muller et al., <u>Methods in Enzymology</u> , 170:251-263 (1989)					
	BF	Osband et al., "Problems in the Investigational Study and Clinical use of cancer immunotherapy", <u>Immunology Today</u> , 11:193-195 (1990)					
	BG	O'Sullivan et al., "Long-Term Anti-CD4 Treatment of MRL/lpr Mice Ameliorates Immunopathology and Lymphoproliferation ....", <u>Clinical Immunology and Immunopathology</u> , 61:421-435 (1991)					
	BH	Prabhakar et al., "Cell Surface Expression of the 70-kD Component of Ku, a DNA-binding Nuclear Autoantigen, <u>The Journal of Clinical Investigation Inc.</u> , 86:1301-1305 (1990)					
	BI	Raz et al., "Cross-reactions of anti-DNA autoantibodies with cell surface proteins", <u>Eur. J. Immunol.</u> , 23:383-390 (1993)					
	BJ	Rekvig, O.P., "Intrinsic Cell Membrane Antigens Recognized by Antichromatin Autoantibodies", <u>Scand. J. Immunol.</u> , 29:7-13 (1989)					
	BK	Rekvig et al., "Properties of Antinuclear Antibodies that Cross-react with Plasma Membranes", <u>Scand. J. Immunol.</u> 9:325-332 (1979)					
	BL	Rhodes et al., "Assembly of Nucleosomes and Chromatin <i>in Vitro</i> ", <u>Methods in Enzymology</u> , 170:575-585 (1989)					
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	CB	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
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<i>su</i> <div style="border-left: 1px solid black; height: 100px; margin: 0 auto; width: 20px;"></div>	CC	Ricotti et al., "Autoantibodies to purified nuclear proteins related to DNA metabolism during ageing and in SLE patients",					
	CD	Sakharova et al., "Ontogenetic Changes in Spectrum of Specificities of Brain Reactive Monoclonal Natural Antibodies", <u>Zh. Obshch. Biol.</u> , 47:625-630 (1986)					
	CE	Searles et al., Cross-reactivity of Antilymphocyte and Antinuclear Antibodies in Systemic Lupus Erythematosus", <u>Clinical Immunology and Immunopathology</u> 14:292-299 (1979)					
	CF	Stollar et al., <u>Int. Rev. Immunol.</u> , 5:1-24 (1989)					
	CG	Walker et al., "Accelerated Appearance of Neoplasms in Female NZB/NZW Mice Treated with .....", <u>Arthritis and Rheumatism</u> , 22:1338-1342 (1979)					
	CH	Walker et al., "Suppressed heterogeneous antinuclear antibody response in lymphoma-bearing NZB/NZW mice", <u>Clin. exp. Immunol.</u> , 24:210-217 (1976)					
	CI	Winter et al., "Antibodies Against Autologous Tumor Cell Proteins in Patients with Small-Cell Lung Cancer.....", <u>J. National Cancer Institute</u> , 85:2012-2018 (1993)					
	CJ						
	CK						
	EXAMINER				DATE CONSIDERED		
<i>S. L. Gier</i>				<i>3/16/95</i>			
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Sheet 4 (D) of 4

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PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
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APPLICANT  
Vladimir P. Torchilin et al.

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GROUP

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DA						
DB						
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							YES	NO
	DL							
	DM							
	DN							
	DO							
	DP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

SM ↓ ↓	DD	Ezell (J. NIH Res., 7:46-69), 1995
	DR	Splitler (Cancer Biotherapy, 10:1-3), 1995
	DS	Boon (Adv. Can. Res., 58:177-210), 1992

EXAMINER

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